

The iX104C5 DMSR-M TABLET

Dual-Mode Sunlight-Readable Ultra-Rugged Military Tablet PC



5th GENERATION RUGGED



The iX104C5-M delivers industry-leading performance, ruggedness and functionality for Military and Government applications.

THE MOST RUGGED TABLET ON EARTH

- Industry's Most Rugged Military Tablet PC
- Powerhouse Performance Intel® Core™ i7 Platform
- MIL-STD 461F, 810G and IP67 Tested
- AllVue™ Xtreme—Industry's Best Outdoor Display
- Tool-Free Access to Battery, SSDs, SIM, Micro SD
- Industry's Best Solid State Storage
- Single or Dual SSD (w/heater) with RAID option
- Cool Touch™ Thermal Management
- Full Microsoft® Windows® 7 and Windows® 8
- Comprehensive Communications Suite

PROVEN RUGGED IN THE REAL WORLD

Designed for frontline personnel, the DMSR-M stands up to real world conditions such as 4' operating drops to concrete, driving rain, blowing sand and dust, constant vibration, temperature extremes and more. Independent MIL-STD-810G, 461F, IP and hazardous location testing in combination with rugged design innovations instill confidence the iX104C5-M will protect critical data and deliver in the most challenging tactical conditions.

UNPARALLELED PERFORMANCE

Powered by the modern Intel® Core™ i7 processor, the iX104C5 offers the most advanced performance platform in its class. With dual SSDs (with integrated heater) and up to 8GB of memory, government and military organizations can confidently deploy multi-mission applications. A user-configurable RAID array boosts read/write times and allows for data redundancy. It regulates temperature with unique remote heat exchanger technology, while still maintaining a submersible IP-67 rating.

FIELD-PROVEN DESIGNS

The iX104C5 offers an optically engineered rugged sunlight-viewable display with AllVue™ Xtreme technology and highly flexible input options. The user interface features an innovative auto-switching digitizer supporting both glove-touch and active pen inputs. Enhanced multi-modal wireless communications like Wi-Fi and a sub-meter GPS lets users readily view critical information on-site and in real-time.

TOTAL CONTROL OF OWNERSHIP

The iX104C5 incorporates advanced technologies from industry leaders and was designed to provide long, stable lifecycles. The tablets have a proven track record of high reliability with low failure rates. In addition, user-accessible bays allow for in-field upgrades and repairs, helping to deliver greater system uptime on the job and lower total cost of ownership. means greater system uptime for military personnel.



FULLY RUGGED	Multi-layered desert tan magnesium chassis MIL-STD-810G, MIL-STD-461 and IP67 tested Hazardous Location Certified Piston Sealing, Rugged SSD Cartridge	PORTS	AC/DC power Docking connector USB 2.0 (x2) RJ-45 Headphone/speaker & microphone VGA (9-pin serial port option - RS232/RS422/RS485) MicroSD & SIM socket (tool-less access) Top & Side XPL Pin & Pad Expansion ports
PROCESSOR	Intel® Core™ i7, 620 UE processor Turbo Boost Technology (up to 2.13GHz) 1.06 GHz / 800-1067MHz FSB / 4 MB Intel® Smart Cache	INPUT AND STATUS INDICATORS	Dual-Mode Auto-Sensing Touch & Active Pen Input Programmable Application Buttons Power on/Resume button, Reset Button, CTL/ALT/DEL, Screen orientation X + Y navigation (mouse-like) via biometric scanner STATUS INDICATORS: Power, Charge/DC-in, SSD LEDs
CHIPSET	Intel® QM57 Express	DIMENSIONS / WEIGHT	11.2" (284.4 mm) x 8.25" (209.5 mm) x 1.6" (40.7 mm) (W x H x D) Starting at ~ 5.4 lbs (2.4kg)
GRAPHICS	Mobile Intel® High Definition (HD) Graphics	ENVIRONMENTAL SPECIFICATIONS	Independently-tested to MIL-STD-810G OPERATING TEMPERATURE: -30° F to 140° F (-34° C to 60° C) STORAGE TEMPERATURE: -60° F to 160° F (-51° C to 71° C) HUMIDITY: 3% - 95% non-condensing THERMAL SHOCK: -60° F to 160° F (-51° C to 71° C) BLOWING RAIN: 4"/hr (101.6 mm/hr), 40 mph wind, 30 min. per side BLOWING SAND AND DUST: 30 mph wind source, 30min. VIBRATION: Minimum Integrity, Vehicle Vibration, US Highway Truck Vibration SALT FOG: 5% saline exposure, 48-hr exposure ALTITUDE: 50,000 ft (15,240 m) operating OTHER TESTS: Functional and Crash Shock, Contamination by Fluids, Fungus & Solar Radiation, Bench Shock
DISPLAY	10.4" XGA (1024x768) rugged LED backlit display Dual-Mode AllVue™ Xtreme technology–Best outdoor sunlight-readability 1000 NITS Contrast Ratio = 600:1 (typical) Automatic Light Sensor (ALS), NVIS compatible Dual-Mode auto-sensing Touch & Pen input	BEYOND MIL-STD-810G	TRANSIT DROP – OPERATING: 4' (1.22 m): drop direct to concrete while system is operating, 26 drops TRANSIT DROP – OPERATING: 7' (2.13 m): drop direct to plywood over concrete with system is operating, 26 drops
MEMORY	Standard 2GB DDR3 (up to 1333 MHz) Expandable up to 8 GB (Windows® 7, 64-bit) User-accessible bay	IEC INGRESS TESTING	IEC (60529) Ingress Tested to an IP67 standard (10-Cell Battery) Submersion-resistant, dust-tight
OPERATING SYSTEMS	Genuine Microsoft® Windows® 7, 32-bit, 64-bit Genuine Microsoft® Windows® 8, 32-bit, 64-bit	EMISSIONS, IMMUNITY AND SAFETY	EMISSIONS: MIL-STD 461F: CE101, CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103; FCC Part 15, CE Mark EN55022 (CISPR22) Class B, E-Mark (XDock), EN 6 1000-3-2, CSA ICES-003, Issue 5 IMMUNITY: EN55024, EN61000-3-3 SAFETY: UL and EN60950-1 2nd Ed, ATEX Zone 2/ Category 3 Compliant, UL 1604 (ANSI/ISA 12.12.01-2007, CSA C22.2 No. 213-M 1987 (R2008)) Class I/Division II (Z:A-D) certified
SOFTWARE	xConnect Mobile Broadband Connection Manager with NDIS xCapture photo and video for landscape & portrait capture	OTHER	ROHS, Energy Star 5.2 Compliant, EPEAT-Silver RECYCLING PROGRAM: www.xploretech.com/environment/recycle
BATTERY	Standard Extended Life 10-cell Li-Ion battery (68.5 Whr) User Removeable Up to 6.5hrs battery life Optional 8-cell Li-Ion battery (55 Whr) Up to 4 hrs. battery life Warm Swap Capabilities	WARRANTY	Standard 3-year limited warranty Xplore's X-Care Program
POWER SUPPLY	Auto-sensing 100-240 V, 50-60 Hz supplying 19 VDC		
STORAGE OPTIONS	User-accessible, tool-less removable drive cartridge Dual-drive capabilities in protective drive cartridge RAID 0,1 capable with dual SSD drives (JBOD support) Standard high-performance 80GB SSD drive, with integrated heater (up to 160GB with Dual SSDs)		
INTEGRATED COMMUNICATIONS	LAN: 10/100/1000 Gigabit Ethernet (RJ-45) WIRELESS LAN: Intel® Centrino® Advanced-N6205 (802.11 a/b/g/n) KEYPAD: Programmable Radio Toggle (Wireless On/Off) DEDICATED GPS: Dedicated GPS & Antenna receiver modules (2 meter and sub-meter options)		
SECURITY	Biometrics/Fingerprint Reader (X and Y navigation capabilities) TPM 1.2 Intel® Anti-Theft Computrace® Application Agent option Kensington lock slot		
COLLABORATION	Stereo Speakers with high-definition audio Noise Canceling Microphone Integrated 3 Megapixel digital camera (rear facing) for still & video imaging, bar code capable		

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